


Title:	Cortec VpCI-329 Application			
Number:	SB_748	Release Date:	7/22/2025	
Revision Number:	Not Applicable	Revision Date:	Not Applicable	
Chassis Type:	All steel aerial towers, 105' and 110 tillers, and all Ascendants			
Component Description:	CORROSION INHIBITOR, VpCI-329 (p/n 1387184)			

Subject:

Replacing ladder sections or exposing the interior of any ladder to the air by removing plugs or connectors **requires** technicians to use VpCI-329 corrosion inhibitor (p/n 1387184) before returning the vehicle to service.

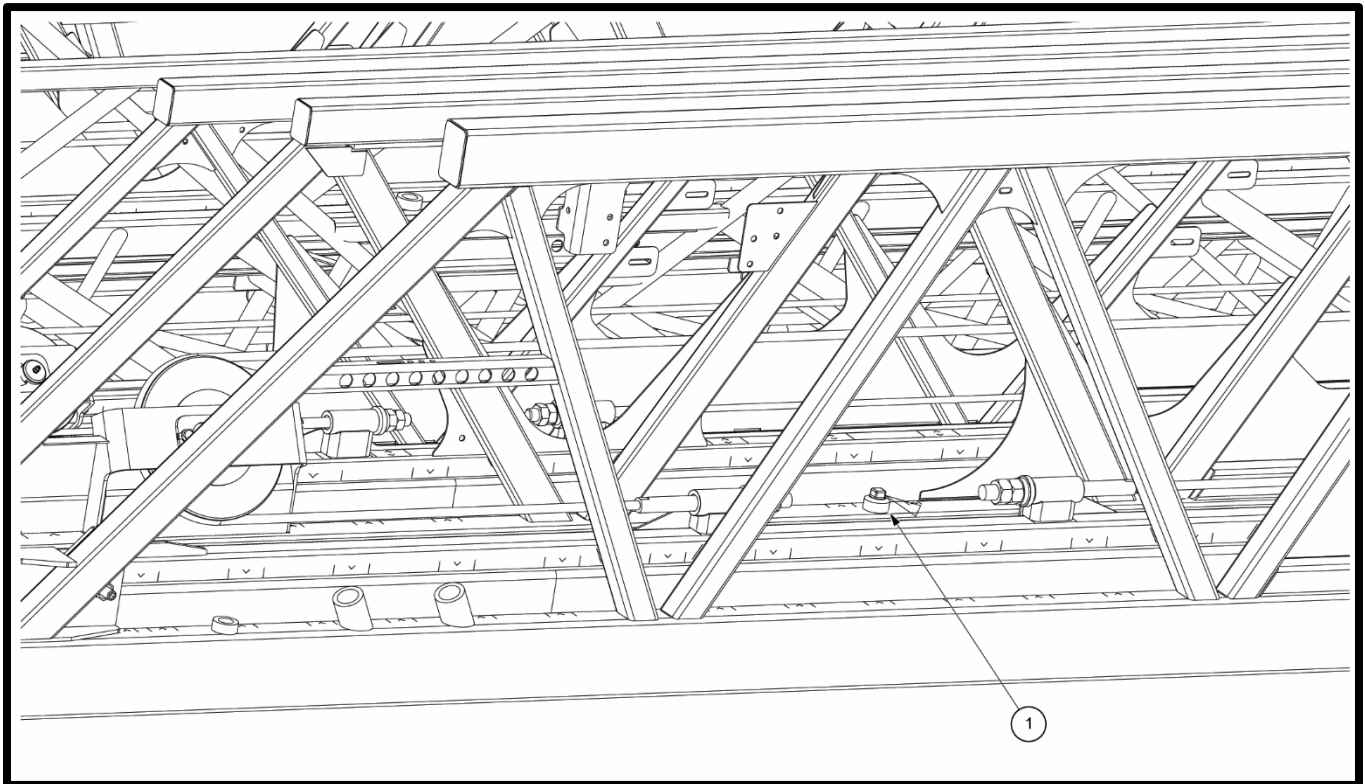
Purpose:

Corrosion inhibitors increase ladder lifespans while decreasing out-of-service time for aerial issues by preventing rust and corrosion from forming inside the ladder. VpCI-329 evaporates to create a barrier that coats surfaces to prevent metal oxidization. Pierce uses corrosion inhibitors during the manufacturing process, and it is recommended that customers should follow these instructions to keep this level of protection.

Procedure:

Perform the following steps after the ladder has been mounted on the vehicle and cables are pulled through each section (if applicable), but before it is returned to service.

NOTE: These instructions are generic and may not reflect your particular configuration. Use best practices while performing this maintenance.



NOTE: If your ladder section does not have a 1/2" pipe bung, use the last opening to be closed.

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1. Locate ½" pipe bung (1) on top of each base rail approximately in the middle of the length of the base rail.
2. Add ½ pint (half of a bottle) of VpCI-329 to each upper midsection base rails.



Cortec VpCI-239 evaporates at room temperature. After dispersing VpCI-329 in the base rail sections, there is limited time to seal the base rails. The amount of time for VpCI-329 to evaporate changes due to wind, temperature, and humidity. Failure to seal the base sections within 10 minutes of applying VpCI-329 will lead to ineffective application and corrosion inside the ladder.

3. Add pipe thread tape to ½" stainless steel plug.
4. Place a small bead of sealant around top of plug for added protection.
5. Repeat steps 1 through 4 for each section and side of the ladder.

If any additional support is needed, please open a technical support incident on www.pierceparts.com.